

Mac M???? (ARM64) ??

Docker-Compose

????????????????

???????? Apple Silicon M1/M2/M3/M4 16G 512G Mac
 Docker

?? ?? ????????????

- Mac ARM Bridge “
- + Host + Rosetta 2 ”
- Host () “ 5 ”
Node.js Docker Mac Redis
- (:cached) macOS Linux
VS Code
- Rosetta 2 ARM64
QEMU
- 16G Mac mini 6G 12G
macOS

? ?? ????????????

- Mac Docker Desktop
1. Rosetta Docker Desktop -> Settings () -> General -> “Use Rosetta for x86/amd64 emulation on Apple Silicon”
 2. Host Mac Homebrew
Nginx(80) MySQL(3306) Redis(6379) ()
brew services stop mysql)

? ?? ????????

Mac (Terminal)

```
# 1.
mkdir -p ~/bt-server/wwwroot ~/bt-server/backup

# 2.
cd ~/bt-server

# 3.
touch docker-compose.yml
```

? ?? ??????? (docker-compose.yml)

~/bt-server/docker-compose.yml

```
version: '3.8'

services:
  baota:
    image: ubuntu:22.04
    container_name: bt-mac-mini
    restart: always
    privileged: true
    network_mode: host

# 16G Mac
deploy:
  resources:
    limits:
      cpus: '6.0'      # 6 CPU
      memory: 12g     # 12G
    reservations:
      memory: 6g      # 6G

volumes:
```

```
#  ⚡ :cached  10 秒
- ~/bt-server/wwwroot:/www/wwwroot:cached
- ~/bt-server/backup:/www/backup
```

environment:

```
- TZ=Asia/Shanghai  #  时区
```

```
#  Linux  容器
```

command: >

```
/bin/bash -c "
apt-get update &&
apt-get install -y wget curl sudo ufw lsb-release init &&
tail -f /dev/null
"
```

? ?? ?????????? LTS ????

1. ??????????

~/bt-server 目录

```
docker compose up -d
```

() Ubuntu 22.04 ARM64 1)

2. ?????????? LTS ??

Running LTS

```
docker exec -it bt-mac-mini /bin/bash -c "$(curl -sS0 https://bt.cn && wget -O install_lts.sh
https://bt.cn && bash install_lts.sh ed8484bec)"
```

y/n y

3. ??????????

```
docker exec -it bt-mac-mini bt default
```

“ ” http://localhost:32451/b8a2c1d0
Mac

“ARM”

LNMP Apple Silicon

1.

- Nginx 1.24 1.26 -> “(RPM)”
- MySQL 8.0 -> “(RPM)”
 - MySQL 8.0 ARM64 5.7
- PHP 8.1 / 8.2 / 8.3 -> “(RPM)”
 - PHP M JIT ARM64

“ ”

“ ” Compiled ” Mac
Linux OpenSSL Swoole 100%

“ ”

12G

1. MySQL 8.0

- -> MySQL 8.0 -> ->
- - “ ” “4-8GB”
 - innodb_buffer_pool_size InnoDB 4096MB (4G)

